



PTO/SB/08a/b (08-03)

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Complete if Known Substitute for form 1449A/B/PTO 10/522,901 Application Number INFORMATION DISCLOSURE February 1, 2005 Filing Date STATEMENT BY APPLICANT First Named Inventor Yoshinori Kuboki Art Unit (Use as many sheets as necessary) **Examiner Name** Not Yet Assigned **AKY-0022** of 1 Sheet Attorney Docket Number

| U.S. PATENT DOCUMENTS  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
| Examiner Cite Initials* No.1 Number-KInd Code <sup>2</sup> (if known)  Document Number Publication Date Name of Patentee or Applicant of Cited Document  Name of Patentee or Applicant of Cited Document  Pages, Cotumns, Lines, White Relevant Passages or Relevant Passages o |  |  |  |  |  |  |  |
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| FOREIGN PATENT DOCUMENTS |              |   |                                   |  |   |                |  |  |  |
|--------------------------|--------------|---|-----------------------------------|--|---|----------------|--|--|--|
| Examiner<br>Initials*    | Cite<br>No.1 | Foreign Patent Document  Country Code <sup>3</sup> -Number -Kind Code <sup>6</sup> (If known) | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |  |  |  |
|                          |              |   |                                   |  |   |                |  |  |  |

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|                      | NON PATENT LITERATURE DOCUMENTS |  |    |  |  |  |  |
|----------------------|---------------------------------|--|----|--|--|--|--|
| Examiner<br>Initials | Cite<br>No.1                    | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  | T² |  |  |  |  |
| an                   | CA                              | Johan W. M. Vehof, M.D. et al., "Ectopic Bone Formation in Titanium Mesh Loaded with Bone Morphogenetic Protein and Coated with Calcium Phosphate", Plastic and Reconstructive Surgery, Journal of the American Society of Plastic Surgeons, Vol. 108, No. 2, August 2001, http://www.plasreconsurg.org.   |    |  |  |  |  |
| e.                   | СВ                              | Y. Kuboki et al., "Rationale for Hydroxyapatite-coated titanium-mesh as an effective Carrier for BMP", Journal of Dental Research, 1988, Vol. 77, Special Issue A, Abstract of Papers, 27th Annual Meeting of the AADR, 22nd Annual Meeting of the CADR, March 4-7, 1998, Minneapolis, MN, The Official Publication of the International Association for Dental Research |    |  |  |  |  |

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|-------|-----------------------------|----------|------------|------------------------|------------------|--|
|       |                             | . •      |            | Application Number     | NEW APPLICATION  |  |
| IN    | <b>NFORMATIO</b>            | N DI     | SCLOSURE   | Filing Date            | February 1, 2005 |  |
| S     | TATEMENT                    | BY A     | APPLICANT  | First Named Inventor   | Yoshinori Kuboki |  |
|       |                             |          |            | Art Unit               | N/A              |  |
|       | (Use as many s              | heets as | necessary) | Examiner Name          | Not Yet Assigned |  |
| Sheet | 1                           | of       | 1          | Attorney Docket Number | AKY-0022         |  |

| U.S. PATENT DOCUMENTS   |    |                |            |                  |  |  |
|---|----|----------------|------------|------------------|--|--|
| Examiner Cite Initials No. 1 Number-Kind Code 2 (# known) MM-DD-YYYY Applicant of Cited Document Number Figures A |    |                |            |                  |  |  |
| 70-   | AA | US-2,434,775-A | 01-20-1948 | Benjamin Sosnick |  |  |
| 2   | AB | US-2,553,016-A | 05-15-1951 | Benjamin Sosnick |  |  |

|           |      | FOREI   | GN PATENT          | DOCUMENTS                   |   |                            |
|-----------|------|---|--------------------|-----------------------------|---|----------------------------|
| Examiner  | Cite | Foreign Patent Document   | Publication        | Name of Patentee or         | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear |                            |
| Initials* | No.1 | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>6</sup> (if known) | Date<br>MM-DD-YYYY | Applicant of Cited Document |   |                            |
| Ø         | BA   | JP-63-109867-A1   | 05-14-1988         | Kyocera Corp.               |   |                            |
| an        | BB   | JP-05-269193-A1   | 10-19-1993         | NGK Spark Plug Co., Ltd.    |   | 1                          |
| a         | ВС   | EP-0 591 976-A1   | 04-13-1994         | Kyocera Corporation         |   | $\lceil \checkmark \rceil$ |
| 0         | BD   | JP-08-140996-A1   | 06-04-1996         | Toho Tec KK                 |   | 1                          |
|           | ВE   | JP-11-000341-A1   | 01-06-1999         | Ryoki Oshida                |   | 1                          |
| 2         | BF   | WO-01/25321-A1  | 04-12-2001         | Alvito Biotechnologie Gmbh  |   | 1                          |

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| NON PATENT LITERATURE DOCUMENTS |              |   |    |  |  |  |
|---------------------------------|--------------|---|----|--|--|--|
| Examiner<br>Initials            | Cite<br>No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |  |  |  |
| 3W                              | CA           | International Search Report for PCT/JP03/09758 mailed on November 4, 2003   | 1  |  |  |  |

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| Examiner  |      | W            | Da   |               | 131/07 |
| Signature | 04 \ | ~ <i>U</i> < | /  C | onsidered / / | 7.70   |
|           |      |              |      |               |        |

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.